

**Abstract:**

In a gateway router the length of the play-out buffer in VBD mode is not set at a previously established value. Instead the length of the play-out buffer in VBD mode is determined by the length of the buffer in the previous audio mode. When the system switches from audio mode to VDB mode, the length of the play-out buffer in audio mode is noted. The length of the play-out buffer in VBD mode is then set equal to its length in the prior audio mode plus a dilation factor. An audio concealment algorithm (which fills in gaps caused by missed packets) is used during the transition from audio to VDB to conceal any transition glitch during the answer tone.